INDEX

Abaca, weevil, Nicaragua, 28
Abrego, L., 151
Abutilon avicennae, bollworm, Iraq, 42
Abutilon mosaic, Sida, U.S.A., 82
Acanthoscelides obreptus, bean, Chile, 167
» *obtectus*, bean, Chile, 167
Achatina fulica, Netherl. New Guinea, 29
Acrocercops cramerella, *Nephelium*, Malaya, 161
Acronycta rumicis, pear, Israel, 155
Adelphocoris lineolatus, alfalfa, U.S.A., 188
Agriolimax agrestis, bean, Chile, 167
Agrocide 3 (Gammexane), apple grub, 171
Agromyza sp., broad bean, Chile, 168
Agropyron, dwarf bunt, U.S.A., 18
Agrotis sp., Netherl. New Guinea, 108
» *suffusa*, lentil, Chile, 168
» *ypsilon*, Chile, 168; Egypt, 172
Alabama argillacea, cotton, El Salvador, 151; Nicaragua, 27, 89; U.S.A., 57
Albizzia, borer, Israel, 39
Albugo candida, turnip, Iraq, 10; Israel, 155
Alcala, R. P., 74
Aldrin, 3, 27, 89, 180
Aleurocanthus spp., citrus, India, 13
» *woglumi*, citrus, 47
Aleurodiscus destructor, coconut, Netherl. New Guinea, 108
Alfalfa, diseases, C. America, 137; Chile, 106; Iraq, 11; Venezuela, 140; pests, Afghanistan, 54; Italy, 189; U.S.A., 57, 189
Allethrin, 181
Allison, J. L., 9, 44
Almond pests, Afghanistan, 53; Iraq, 9, 11; Italy, 189
Alternaria brassicae, cabbage, Iraq, 10
» *carotae*, carrot, C. America, 138
» *cucumerina*, watermelon, Venezuela, 91
» *palandui*, onion, India, 15
» *porri*, onion, India, 146
» *porri solani*, tomato, Italy, 50
» *solani*, potato, C. America, 138; Colombia, 100; India, 15; tomato, Venezuela, 91
Althaea nudiflora, *Platyedra vitella*, U.S.A., 90
» *officinalis*, *Platyedra vitela*, U.S.A., 91
» *rosea*, *Earias insulana*, Iraq, 42
Amaranthus deflexus, *Rachiplusia nu*, Chile, 166
» *hybridus*, *Lixus* sp., Netherl. New Guinea, 109
» *retroflexus*, *Orobanche*, U.S.A., 164
» *spinosus*, *Lixus* sp., Netherl. New Guinea, 109
» *tricolor*, *Lixus*, sp., Netherl. New Guinea, 109
Ammonium phosphate bait, olive fly, 102, 176
Amsacta albistriga, millet, India, 13
» *moorei*, millet, India, 13
Anastrepha ludens, 47
Angiopsora pallescens, maize, C. America, 137
Anguillulina tritici, wheat, India, 14
Anoplolepis longipes, *Oecophylla longinoda*, Zanzibar, 162
Antestia spp., coffee, 144
Anthonomus eugenii, peppers, El Salvador, 153
» *grandis*, cotton, El Salvador, 151; Nicaragua, 27, 89
Anthores leuconotus, coffee, Tanganyika, 161
Antirrhinum, *Puccinia antirrhini*, 122
Ants, leaf-cutting, Bolivia, 74
Apanteles thuberiae, *Sacadodes pyralis*, Nicaragua, 27
Apate monachus, citrus, Israel, 60
Aphaenchoides cocophilus, oil palm, Venezuela, 92
Aphids, bean, Chile, 167; cotton, Afghanistan, 54; lettuce, mosaic, U.S.A., 129; strawberry, aster yellows, U.S.A., 149, vegetable, India, 14; vetches, Israel, 155; wooly, citrus, India, 13
Aphrodisium sp., clove, Malaya, 161
Aphytis mytilaspidis, San José scale, Algeria, 5
Apple diseases, C. America, 137; Chile, 107; Denmark, 154; Iraq, 11; Italy, 169; Tanganyika, 177; U.S.A., 81, 165; pests, Afghanistan, 53; Algeria, 5; Israel, 39, 60, 155, 171; New Zealand, 30, 75, 115
Apricot diseases, Iraq, 11; pests, Afghanistan, 53; Algeria, 5
Araecerus fasciculatus, New Zealand, 122
Archytas infirmus, cutworm, Chile, 168
Arecanut palm, diseases, India, 15
Argyria sticticraspis, sugarcane, India, 13
» *tumidicostalis*, sugarcane, India, 13
Armyworm, beet, Spain, 89; U.S.A., 157
Arrhenatherum elatius, dwarf bunt, U.S.A., 18
Arsenicals, ant, 74; olive fly, 102; rat, 62
Artichoke, *Cassida deflorata*, Italy, 189
Artona catoxantha, coconut, Netherl. New Guinea, 108
Aspergillus flavus, locust, India, 14
» sp., cotton, Iraq, 10, 42
Aspidiotus (Quadraspidiotus) perniciosus, Western Europe, 4, 192
Aster yellows, hosts, U.S.A., 147
Atanus exitiosus, bean, Chile, 167
Athalia proxima, crucifers, India, 14
Atta laevigata lizeri, Bolivia, 74
» *sexdens fuscata*, Bolivia, 74
» *sexdens rubropilosa*, Bolivia, 74
Aucuba mosaic, potato, Colombia, 100
Aulacophora atripennis, cucurbits, India, 14
» *foveicollis* cucurbits, India, 14
Avocado, diseases, C. America, 137, 138; Venezuela, 92; fruit fly, Israel, 60
Axonopus affinis, *Margarodes meridionalis*, U.S.A., 139
Azalea leaf miner, New Zealand, 30, 75

Bacterium tardicrescens, *Iris*, New Zealand, 44
Bait, cotton worm, Israel, 61; cutworm, Egypt, 172; giant snail, Netherl. New Guinea, 29; olive fly, Israel, 101; Spain, 90; rat, India, 14; Netherl. New Guinea, 62
Bajra, pests, India, 13
Banana, diseases, C. America, 138; Colombia, 100; Hong Kong, 177; Netherl. New Guinea, 173; Tanganyka, 177; Uganda, 62; pests, Netherl. New Guinea, 108, 156; Nicaragua, 27
Barley, diseases, Canada, 72; C. America, 138; India, 15; Iraq, 10; Near East, 96; cutworm, Egypt, 172
Batocera rubra, citrus, India, 13
» *rufomaculata*, fig, Israel, 38, 155
Bean, diseases, C. America, 83, 136; Chile, 107; Colombia, 100; Netherl. New Guinea, 173; Venezuela, 91, 140; pests, Chile, 166; Netherl. New Guinea, 108; U.S.A., 76
Beech, leaf miner, New Zealand, 43
Beet, diseases, W. Europe, 47; Iraq, 10; pests, Israel, 25, 61, 155; Spain, 89
Belonopterus cayennensis, Chile, 168
Bemisia inconspicua, U.S.A., 82
» *tabaci*, Abutilon mosaic, U.S.A., 82

Berberis, rust, Colombia, 98; Spain, 58
Bermuda grass, diseases, Iraq, 11; ground pearl, U.S.A., 139
Berry, P. A., 151
Berseem, leaf spot, Italy, 51
BHC (HCH), 179; coffee, 89; corn borer, 29; cotton pests, 27; locust, 3, 35; olive fly, 102; rice bug, 87
Blackberry whitefly, hosts, U.S.A., 122
Blapstinus punctulatus, bean, Chile, 167
Blastobasis sp., bean, Chile, 167
Boron deficiency, fruit trees, Italy, 169
Botryodiplodia theobromae, mangosteen, Malaya, 172
Botryosphaeria ribis, apple, Tanganyika, 177
» *vanillae*, vanilla, Seychelles, 178
Botrytis cinerea, bean, Netherl. New Guinea, 173
» spp., cherry, U.S.A., 18; potato, Colombia, 100
Brachyplatys sp., bean, Netherl. New Guinea, 108
Brassica nematode, U.S.A., 56
Bremia lactucae, cucurbits, C. America, 137; lettuce, Iraq, 10
Brevicoryne brassicae, crucifers, Israel, 155; pea, Chile, 168
Brinjal, pests, India, 14
Broad bean, pests, Chile, 168
Broomrape, tobacco, Iraq, 10; tomato, etc., U.S.A., 164
Broom tree, blight, New Zealand, 29
Bruchus pisorum, pea, Chile, 167
Brussels sprouts, nematode, U.S.A., 56
Busseola fusca, maize, Tanganyika, 161
Bytinski-Salz, H., 38

Cabbage, aphid, Chile, 168; India, 14; Israel, 155; diseases, C. America, 137; Israel, 61; Netherl. New Guinea 109; Seychelles, 177; pests, India, 14; Netherl. New Guinea, 29
Cacao, diseases, C. America, 137; Colombia, 97; Grenada, 178; Venezuela, 92; moth, *Nephelium lappaceum*, Malaya, 161
Cajanus indicus, *Chaetoseptoria*, Guatemala, 83
Calcium arsenate, cotton leaf worm, 27
Calliptamus italicus, Afghanistan, 54
Callistephus virus, hosts, U.S.A., 147
Calocoris angustatus, millet, India, 13
Calosoma vagans, *Agrotis* spp., Chile, 168
Calospora (Botryosphaerial) vanillae, vanilla, Seychelles, 178
Calostilbe striispora, cacao, etc., Venezuela, 92
Cañizo, J. del, 89
Cannabis sativa, *Orobanche ramosa*, U.S.A., 164
Canteloupe, *Pseudoperonospora cubensis*, St. Vincent, 178
Capitophorus fraggefolii, aster yellows, U.S.A., 149
Capsella bursa-pastoris, *Orobanche*, U.S.A., 164
Carbamate insecticides, 182
Cardoon, *Ovulariopsis cynarae*, Italy, 50
Carica papaya, diseases, Malaya, 172; Venezuela, 92
Carnation diseases, Italy, 189; U.S.A., 114, 150
Carpet grass, ground pearl, U.S.A., 139
Carpinus betullus, leaf miner, New Zealand, 30
Carpocapsa (Cydia) pomonella, apple, Afghanistan, 53
Carrot diseases, C. America, 137, 138
Carthamus tinctorius, safflower, Venezuela, 92.
Caryobruchus gleditsiae, Singapore, 161
Cassava, mosaic, Seychelles, 177
Cassida deflorata, artichoke, Italy, 188
Casuarina, pea weevil, Chile, 167
Cauliflower, downy mildew, Israel, 61
Celery, aster yellows, U.S.A., 148
Centipede grass, ground pearl, U.S.A., 139
Ceratia sp., vegetables, Netherl. New Guinea, 108
Ceratitis capitata, 16, 47, 127; Israel, 60, 154; Tripolitania, 132
Ceratostomella paradoxa, hosts, Venezuela, 91; palm, India, 15; sugarcane, Colombia, 99
Ceratostomella ulmi, elm, U.S.A., 69
Cercospora beticola, beet, Iraq, 10
» *capsici*, peppers, C. America, 138
» *coffeicola*, coffee, El Salvador, 152
» *musae*, banana, C. America, 138; Colombia, 100; Netherl. New Guinea, 173
Cercospora nicotianae, tobacco, Colombia, 100
» *oryzae*, rice, Colombia, 99
» *personata*, peanut, C. America, 138
Ceresan, sunflower wilt, 107
Chaetoseptoria vignae, legumes, C. America, 83
» *wellmanii*, legumes, C. America, 83, 138
Chalara quercina, survey, W. Europe, 192
Chara, rice, India, 15
Chenopodium album, *Rachiplusia nu*, Chile, 166
Cherry diseases, New Zealand, 75; U.S.A., 18; pests, Afghanistan, 53; Italy, 189; W. Europe, 5
Chickpea, pests, Chile, 168; India, 145
Chilli, see Peppers
Chilo trypetes, sugarcane, India, 13
China aster, yellows, U.S.A., 148
Chlordane, 180; coffee, 89; cotton, 27
Chlorinated hydrocarbons, 179
» dioxanes, 182
Chlorogenus callistephi, hosts, U.S.A., 147
Chloropicrin, pepper wilt, 51; hop wilt, 122
Chlorotic phyllody, strawberry, U.S.A., 150; streak, cane, Mauritius, 177; Puerto Rico, 70
Chrotogonus sp., millet, India, 13
Chrysanthemum cineraefolium, 181
Chrysanthemum midge, New Zealand, 156
Chrysomphalus aonidum, citrus, Israel, 60, 154
Ciccarone, A., 49
Cicer arietinum, pests, Chile, 168; India, 145
Ciferri, R., 169
Cinchona diseases, C. America, 137
Cirphis (Pseudaletia) unipuncta, U.S.A., 157
Citrus, diseases, C. America, 137; Hong Kong, 178; India, 146; Iraq, 10; Venezuela, 92; pests, 47; India, 13; Israel, 60, 154; Netherl. New Guinea, 108, 156; Tripolitania, 132
Cladosporium capsici, pepper, U.S.A., 36
» *carpophilum*, peach, C. America, 137
» *fulvum*, tomato, Israel, 61
» *herbarum*, pepper, U.S.A., 56
Clasterosporium carpophilum, peach, Hong Kong, 178
Clitoria ternatea, *Chaetoseptoria*, Costa Rica, 83
Clove, borers, Malaya, 161
Clover, pests, Egypt, 172; U.S.A., 114
Cnaphalocrocis medinalis, rice, Netherl. New Guinea, 108
Coconut, diseases, C. America, 137; Colombia, 99; India, 15; St. Vincent, 178; Seychelles, 177; pests, El Salvador, 153; Netherl. New Guinea, 29, 108, 156; Nicaragua, 27; Zanzibar, 162
Coffee, diseases, 143; C. America, 137, 152; India, 15; Venezuela, 92; pests, 122, 143; Africa, 161; El Salvador, 151; Nicaragua, 27, 89
Colemania sphenarioides, millet, India, 13
Colletotrichum capsici, turmeric, India, 15
» *coffeanum*, coffee, El Salvador, 152
» *falcatum* sugarcane, Colombia, 99
» *gloeosporioides*, mango and avocado, C. America, 138; citrus, India, 15; mango, 138; papaya, Hong Kong, 177
Colletotrichum lindemuthianum, bean, C. America, 138; Chile, 107, Colombia, 100

Colletotrichum papayae, papaya, C. America, 138
» *tabacum*, tobacco, N. Rhodesia, 177
» *ttheobromicola*, cacao, Colombia, 99
» *truncatum*, bean, Venezuela, 91
Colorado beetle, Western Europe, 4, 127, 175
Conium maculatum, Orobanche, U.S.A., 164
Conners, I. L., 43, 72, 85, 106, 117
Convolvulus arvensis, *Rachiplusia*, Chile, 166
Copper fungicides, *Erysiphe cichoracearum*, 106; pineapple, 24; potato blight, 98; rice, 14; seed, 10, 15
Coptotermes parvulus, Singapore, 161
Coral tree, *Calostilbe*, Venezuela, 92
Cordana musae, banana, Tanganyika, 177
» spp., banana, Colombia, 100
Corticium koleroga, coffee, C. America, 137
» *salmonicolor*, 47; mango, India, 15
Corynebacterium insidiosum, alfalfa, Chile, 106
» *tritici*, wheat, India, 14
Cosmophila sabulifera, jute, India, 13
Cosmopolites sordidus, *Musa* spp., Netherl. New Guinea, 108; Nicaragua, 27
Cotterell, G. S., 52
Cotton, diseases, C. America, 138; Colombia, 100; St. Vincent, 178; U.S.A., 113; pests, Afghanistan, 54; Egypt, 172; El Salvador, 151; India, 13; Iraq, 10, 42; Israel, 26, 61; Nicaragua, 27, 89; Spain, 90; U.S.A., 57, 90
Cotton Dust, 27, 172
Cowpea, *Chaetoseptoria*, C. America, 83;
Crataegus, pea weevil, Chile, 167
Criconemoides, peanut, U.S.A., 104
Crocidolomia binotalis, crucifers, Netherl. New Guinea, 108
Crotalaria juncea, *Ceratostomella fimbriata*, Venezuela, 92
Crucifers, diseases, Canada, 117; Israel, 155; U.S.A., 56; pests, Netherl. New Guinea, 108
Cryocide, olive fly, 102
Cryolite, spiny bollworm, 90
Cucumber, diseases, Canada, 106; Iraq, 10; Israel, 61; Italy, 51; St. Vincent, 178; mosaic, swedes, Canada, 117
Cucurbita maxima, *Ozonium texanum*, India, 145; *Phytophthora capsici*, Venezuela, 91
Cucurbit, diseases, C. America, 137; India, 145; Iraq, 10; Israel, 61; U.S.A., 17; pests, Afghanistan, 53; India, 14; Netherl. New Guinea, 108
Cumin, diseases, India, 14, 15
Curvularia lunata, banana, Tanganyika, 177
Cuscuta spp., Afghanistan, 54
Cyamopsis psoralioides, *Ozonium* wilt, India, 145
Cyanamide, *Sclerotinia*; root-knot, 183
Cyanogas, rats, India, 14
Cyclopentadiene, 179
Cylindrosporium padi, stone fruits, Iraq, 11
Cymag, rats, India, 14
Cynara scolymus, *Ovulariopsis*, Italy, 50
» *cardunculus*, *Ovulariopsis*, Italy, 50
Cynodon dactylon, *Margarodes meridionalis*, U.S.A., 139
Cystox, sugar beet yellows, W. Europe, 47

Dacus dorsalis, 47
» *oleae*, olive, 79, 118, 127; Israel, 101; Spain, 90, 176
» *pedestris*, vegetables, Netherl. New Guinea, 108
Dasyneura mali, apple, New Zealand, 75, 115
Dasyscypha willkommii, *Larix*, U.S.A., 163
Date, rot, Iraq, 10; scale, Israel, 155
Datura stramonium, *Rachiplusia*, Chile, 166
DD, 122
DDD, 179
DDT, 27, 29, 61, 69, 87, 89, 102, 116, 121, 179
Deccan hemp, *Earias insulana*, Iraq, 42
Decco (nitrogen trichloride), fruit fly, 154
Deltocephalus spp., bean, Chile, 167
Dendroctonus engelmanni, spruce, U.S.A., 57
Desmodium nicaraguensis, *Chaetoseptoria*, Guatemala, 83
» *scorpiurus*, *Rhizoctonia*, Malaya, 172
Diacrisia obliqua, jute, India, 13
Diaphorina citri, citrus, India, 13
Diarthronomyia chrysanthemi, New Zealand, 156
Diatrea auricilia, cane, India, 13
» *venosada*, cane, India, 13
Dichroplus elongatus, Chile, 167
» *maculipennis*, Chile, 167
» *vittiger*, Chile, 167
Dieldrin, 180, 42, 61, 102, 161
Diethyl p-nitrophenyl thiophosphate, 181
Dimetan, 182
Dimethyl dihydroresorcinol diethyl carbamate, 182
Dinitro capryl phenyl crotonate, 106
Dinitro ortho cresol, 35
Diplodia theobromae, cacao, Colombia, 99
» *zeae*, maize, Colombia, 100
Diplodina sp., peach, U.S.A., 37
Dithane, 60, 98
Dizygomyza cepae, onion Malaya, 121, 139, 161; Singapore, 109
DNOC, 35
Dociostaurus maroccanus, Afghanistan, 54
Dolichos lablab, *Chaetoseptoria*, C. America, 83; pests, Chile, 168
Dolichotetranychus (Stigmaeus) floridanus, Singapore, 161
Drosicha mangiferae, mango, India, 13
Dysdercus cingulatus, cotton, India, 13

Earias fabia, cotton, India, 13
» *insulana* cotton, Iraq, 10, 42; India, 13; Israel, 26; Spain, 90
Easter, S.S., 40
Eggplant, diseases, C. America, 136; Iraq, 10; Netherl. New Guinea, 29; Venezuela, 92
Elais guinensis, *Aphelenchoides cocophilus*, Venezuela, 92
Elasmopalpus lignosellus, bean, Chile, 167
Eleusine coracana, *Piricularia grisea*, India, 146
Elm, *Ceratostomella ulmi*, U.S.A., 69
Elsinoe fawcetti, citrus, Hong Kong, 178
Emmalocera depressella, cane, India, 13
Empoasca camara, bean, Chile, 167
» *devastans*, cotton, India, 13
Endrin, 42, 180
Entorolobium cyclocarpum, *Calostilbe striispora*, Venezuela, 92
Entyloma oryzae, rice, India, 146
Epicaerus capetillensis, coffee, El Salvador, 152
Epinotia opposita, bean, Chile, 166
Epilachna dodecastigma, melon, Afghanistan, 53
» spp., vegetables, India, 14; Netherl. New Guinea, 108
Epilachna varivestit, bean, U.S.A., 76
Epitetranychus alihaeae, fruit, Israel, 60
Eremochloa ophurioides, *Margarodes*, U.S.A., 139
Eriococcus sp., manuka, New Zealand, 29
Eriophyes hoheriae (E. populnea), *Hoheria*, New Zealand, 30, 192
Eriophyes oleae, olive, Italy, 169
Eriophyidae, vine, Italy, 49
Eriosoma lanigera, citrus, India, 13
Erodium moschatum, aster yellows, U.S.A., 148

Erwinia carotovora, vegetables, C. America, 137; potato, Colombia, 100
Erysiphe cichoracearum, cucurbits, Canada, 106; C. America, 138; Iraq, 10; lettuce, U.S.A., 104; okra, Iraq, 10; tobacco, Iraq, 10; Israel, 61; Italy, 188
Erysiphe graminis, wheat, Iraq, 10
» *polygoni*, alfalfa, Iraq, 11; cowpea, Venezuela, 91; cumin, India, 15; pea, Chile, 168
Erythrina, borer, Israel, 39; *Calostilbe striispora*, Venezuela, 92
Ethylene dibromide, fruit fly, 154
Etiella zinckenella, bean, Netherl. New Guinea, 108
Eucalyptus, borer, Israel, 38; pea weevil, Chile, 167
Eumargarodes laingi, grasses, U.S.A., 139
Euzophera perticella, brinjal, India, 14
Exopholis hypoleuca, Netherl. New Guinea, 156

Fagus sylvatica purpurea, leaf miner, New Zealand, 30
Fall webworm, Europe, 55, 95, 127
Feltia spp., Nicaragua, 27
Fenugreek, *Hypera*, Israel, 156; *Peronospora*, Italy, 51
Ferbam, tobacco blue mold, 17
Fig, borer, Israel, 38; diseases, Iraq, 9; Italy, 50
Fish oil soap, thrips, 14
Fluoaluminates, 90
Fluosilicates, 90
Folidol, 27, 89
Fragaria, aster yellows, U.S.A., 148; *Trialeurodes ruborum*, U.S.A., 123
Furethrin, 181
Fusarium moniliforme, rice, India, 14
» *oxysporum* var. *cubense*, banana, C. America, 138; Colombia 100; Tanganyika, 177; Uganda, 62
Fusarium oxysporum vasinfectum, cotton, Colombia, 100; St. Vincent, 178
Fusarium solani, sisal, Tanganyika, 177
» spp., bean, Colombia, 100; coffee, El Salvador, 152; cumin, India, 14; pineapple, Mexico, 25; vegetables, Iraq, 10
Fusicladium dentriticum, apple, C. America, 137

Gaeumannomyces graminis, wheat, Chile, 106; U.S.A., 18
Gammexane, apple grub, 171
Ganoderma pseudoferreum. *Indigofera teysmanii*, Malaya, 172
Garcinia mangostana, *Botryodiplodia theobromae*, Malaya, 172
Garrya eliptica, *Septoria* spp., New Zealand, 44
Gibberella saubinetii, sorghum, C. America, 137
» spp., maize, Colombia, 100
Ginger rot, India, 13
Gladiolus, aster yellows, U.S.A., 147
Gliricidia sepium, *Hemerocampa* sp., El Salvador, 152
Gloeosporium musarum, banana, C. America, 138
» *olivarum*, olive, Italy, 49
» spp., apple, Israel, 60; mango, India, 15
Glomerella gossypii, cotton, Colombia, 100
Gnorimoschema operculella, Singapore, 161
Gonia pallens, pea cutworm, Chile, 168
Gracilaria azaleella, Rhododendron, New Zealand, 30, 75
Gram, E., 154
Gram, *Operculella padwickii*, India, 145; pests, India, 13
Grape, see Vine
Grapefruit, fruit fly, Tripolitania, 132
Graphognathus leucoloma, chickpea, Chile, 168
Groundnut, see Peanut
Gryllotalpa gryllotalpa, Israel, 155
Guar, *Ozonium texanum*, India, 145
Guava, pests, Israel, 39, 60; sooty mold, Hong Kong, 178

H-24, beet armyworm, 90
Haimbachia quiriguella, rice, Nicaragua, 89
Hakea, scale, New Zealand, 30
Hall, W. J., 107, 109, 121, 139, 161
Hares, bean, Chile, 167
HCN, San José scale, 5, 6
Helicotylenchus, peanut yellows, U.S.A., 104
Heliothis armigera, cotton, Afghanistan, 54; El Salvador, 151; Nicaragua, 27; maize, Netherl. New Guinea, 108
Helminthosporium gramineum, 72; India, 15
» *oryzae*, rice, C. America, 138; Colombia, 99; India, 14
Helminthosporium sacchari, sugarcane, Venezuela, 140
» *sativum*, barley, C. America, 138
» *turcicum*, maize, C. America, 138; U.S.A., 81; New Zealand, 156
Helson, G.A.H., 29, 43, 75, 121
Hemerocampa sp., *Gliricidia sepium*, El Salvador, 152
Hemiceras spp., *Inga*, El Salvador, 152
Hemileia coffeicola, coffee, 144
» *vastatrix*, coffee, India, 15; 144
Hemp, branched broomrape, U.S.A., 164
HEOD (Dieldrin), 180
Heptachlor, 180
Heterodera cruciferae, U.S.A., 56
» *marioni*, cotton, U.S.A., 113; eggplant, Netherl. New Guinea, 108; pineapple, Mexico, 23; potato, Colombia, 100; tomato, Netherl, New Guinea, 108; C. America, 138
Heterodera rostochiensis, potato, W. Europe, 191
» *schachtii*, U.S.A., 56, 114
» *trifolii*, clover, U.S.A., 114
Hexachlorocyclohexane, locust, 35
Hibiscus spp., *Earias insulana*, Iraq, 42
Hieroglyphus banian, rice, India, 13
Hispa armigera, rice, India, 13
Hoheria, *Eriophyidae*, New Zealand, 30
Hollyhock, *Earias*, Iraq, 42; stem moth, U.S.A., 90
Hoplocampa flava, plum, Israel, 155
Hops, wilt, New Zealand, 122
Hornet, Afghanistan, 54; Israel, 26
Hyacinth bean, pests, Chile, 168
Hydrellia griseola, rice, U.S.A., 157
Hylemya antiqua, onion, Israel, 155
» *cilicrura*, bean, Chile, 166
» *trichodactyla*, bean, 166
Hypera postica, alfalfa, U.S.A., 57
» spp., vetches, Israel, 156
Hyphantria cunea, Austria, Yugoslavia, 55
Hyponomeuta padellus, Afghanistan, 53

Icerya purchasi, citrus, Israel 60; parasites, India, 12, 13
Idiarthron atrispinum, coffee, Nicaragua, 28, 89
» *subquadratum*, coffee, El Salvador, 151
Incamya chilensis, *Rachiplusia*, Chile, 166
Inderbela, sp., citrus, India, 13
Indigofera teysmanii, *Ganoderma*, Malaya, 172
Indiocerus sp., mango, India, 13
Inga spp., *Hemiceras* spp., El Salvador, 152
International Plant Protection Convention, 65
Iris, *Bacterium tardicrescens*, New Zealand, 44
Isariopsis griseola, bean, Colombia, 100
Iscothan, cucumber mildew, 106
Isodrin, 180
Johnson grass, downy mildew, U.S.A., 131

Jowar, pests, India, 13
Jugenheimer, R.W., 44
Jute, pests, India, 13; Iraq, 42

Lactuca spp., *Erysiphe cichoracearum*, U.S.A., 104
Laphygma exigua, beet, Spain, 89
» *frugiperda*, maize, El Salvador, 153
Larix spp., *Dasyscypha willkommii*, U.S.A., 163
Lavatera spp., *Platyedra vilella*, U.S.A., 91
Lead arsenate, armyworm, 89
Lean, O. B., 2
Legumes, pests, Chile, 166; Israel, 61, 156; Europe, 189
Lentil, pests, Chile, 168; Egypt, 172
Lepidosaphes destefanii, olive, U.S.A., 57
Leptispa pygmoea, rice, India, 13
Leptocorisa sp., rice, Netherl. New Guinea, 108
» *varicornis*, rice, India, 13, 87
Leptosphaeria avenaria, oats, U.S.A., 17, 56
» *sacchari*, sugar cane, Colombia, 99
» *tritici*, wheat, Iraq, 10
Leptospermum scoparium, *Eriococcus*, New Zealand, 29
Leptothyrium pomi (Microthyriella rubi), apple, U.S.A., 165
Lepus spp., bean, Chile, 167
Lettuce, diseases, C. America, 137; Iraq, 10; Italy, 51; U.S.A., 104, 129
Leucania loreyi, maize, Netherl. New Guinea, 109
Leucinodes orbonalis, brinjal, India, 14
Lima bean, *Pseudomonas glycinea (P. syringae)*, Tanganyika, 177; weevil, Chile, 167
Lindane, 179
Linford, M. B., 21
Ling, L., 65
Listroderes subcinctus, bean, Chile, 167
Lithocolletis messaniella, trees, New Zealand, 29, 43
Lixus junci, beet, Israel, 25, 156
» sp., *Amaranthus* spp., Netherl. New Guinea, 109
Locust, 180; Afghanistan, 54; C. America, 18; Chile, 167; desert, 2, 11, 12, 47, 54, 63, 64, 79, 95, 126, 143; India, 11, 12; Mexico, 18; South America, 2, 33
Logothetis, C., 33, 118
Lucerne, see Alfalfa
Lygus spp., coffee, 144

Macrophoma musarum, banana, Hong Kong, 178
Macrophomina phaseoli, beans, Colombia, 100
Macrosteles fascifrons (M. divisus), aster yellows, 147
Madrecacao, *Hemerocampa* sp., El Salvador, 152
Magnesium oxide, storage pests, 13
Maize diseases, Africa, 122, 177; C. America, 136; Colombia, 100; Italy, 44; New Zealand, 156; Switzerland, 44; U.S.A., 81; Venezuela, 91; pests, Chile, 166; El Salvador, 153; India, 13; Iraq, 9; Netherl. New Guinea, 29, 62, 108; Nicaragua, 27; Tanganyika, 161
Malacosoma sp., almond, Afghanistan, 53
Malathon, 181
Malva spp., *Earias*, Iraq, 42; infectious chlorosis, 82; *Platyedra*, U.S.A., 91; *Rachiplusia*, Chile, 166
Mango, diseases, C. America, 138; India, 15; pests, 13; Israel, 38
Mangosteen, fruit rot, Malaya, 172
Manuka, blight, New Zealand, 29
Marasmius perniciosus, cacao, Colombia, 99; Grenada, 178
» *stenophyllus*, Malaya, 172
» *subplexifolius*, *Musa textilis*, Malaya, 172
Marcovitch, S., 25
Margarodes meridionalis, *Eremochloa*, U.S.A., 139
» *papillosus*, India, 139
Marseulia dilativentris, cereals, Israel, 156
Martin, Henri, 132
Martin, Hubert, 179
Mauginiella scaettae, date, Iraq, 10
Mediterranean fruit fly, 95; Israel, 60, 154; Tripolitania, 132
Melanagromyza phaseoli, beans, Netherl. New Guinea, 108
Meloidogyne incognita, rice, U.S.A., 183
» spp., vegetables, Iraq, 10; cotton, U.S.A., 113; peanut, U.S.A., 104; pineapple, Mexico, 23
Melon, diseases, Israel, 61; pests, Afghanistan, 53; Chile, 166
Meracet, sunflower wilt, 107
Mercuric acetate, 107
Metaldehyde bait, snail, 29
Methoxychlor, 179; fruit fly, 154; olive fly, 102
Methyl parathion, 89
Metopoplax origanii var. *fascinervis*, fruit, Israel, 60
Microthyriella rubi (Leptothyrium pomi), apple, U.S.A., 165
Miller, P. R., 17, 36, 56, 69, 81, 104, 113, 129, 147, 163, 183
Mineral deficiencies, Iraq, 9; Italy, 169
Mineral oils, 60, 154
Mishra, J. N., 145
Moll, H. W., 108, 156
Monanthia (Monosteira) unicostata, fruit, Italy, 188
Monilia, roveri, çacao, Colombia, 97, 99; peach, U.S.A., 37
Monilinia fructicola, U.S.A., 37
Monosteira (Monanthia) unicostata, Italy, 189
Morales Agacino, E., 18
Morrison, L. G., 115
Mosaic, abutilon, U.S.A., 82; cassava, Seychelles, 178; fig, Italy, 50; lettuce, U.S.A., 129; potato, Colombia, 100; sugarcane, Colombia, 98; tobacco, Iraq, 10; C. America, 136; turnip, Canada, 117
Mujica, F., 106
Mulberry, borer, Israel, 39
Muller, A. S., 83, 136
Müller, K. O., 7
Musa textilis, *Marasmius subplexifolius*, Malaya, 172
Muskmelon, diseases, Iraq, 10 (see Melon, Canteloupe)
Muskrat, Europe, 95, 127
Mustard, pests, India, 14
Mycena citricola (Omphalia flavida), coffee, C. America, 144
Myiopardalis, melon, Afghanistan, 53
Myzus persicae, pea, Chile, 168

Naphthalene, apple midge, 116
Nectria galligena, apple, Chile, 107
Nematode, clover, U.S.A., 114; cotton, U.S.A., 113; crucifer, U.S.A., 56; oil palm, Venezuela, 92; peanut, U.S.A., 104; pineapple, Mexico, 23; potato, W. Europe, 4, 191; rice, U.S.A., 183; sugarcane, U.S.A., 71; tomato, C. America, 138; Iraq, 9
Nematospora coryli, cotton, Iraq, 10
Neovossia horrida, rice, India, 146
Nephelium lappaceum, *Acrocercops cramerella*, Malaya, 161
Nephotettix bipunctatis, rice, India, 13
Nezara viridula (Pentatoma apicicorne), beans, Chile, 166; vegetables, Netherl. New Guinea, 108.
Niraeus tricolor, clove, Malaya, 161
Nicotine, aphid, 155
Nitrogen trichloride, fruit fly, 154
Nothofagus fusca, leaf miner, New Zealand, 43
Novius cardinalis, *Icerya*, Israel, 60
Nymphula depunctalis, rice, India, 13; Netherl. New Guinea, 108, 173

Oak, leaf miner, New Zealand, 29, 43; wilt, W. Europe, 192

Oatgrass, dwarf bunt, U.S.A., 18, 36
Oats, diseases, C. America, 137; U.S.A., 17, 56, 130
Octamethylpyrophosphoramide (Schradan), 181
Oecophylla longinoda, Theraptus sp., Zanzibar, 162
Oidiopsis spp., vegetables, Israel, 155
» *taurica*, tomato, Iraq, 10
Oidium caricae, papaya, Venezuela, 92
» spp., vegetables, Israel, 61, 155; potato, Colombia, 100
Okra, pests, Iraq, 9, 10, 42
Olalquiaga Fauré, G., 166
Olive, diseases, Italy, 49, 169; fly, 79, 118; Israel, 101; Spain, 90, 176; pests, Israel, 60; Italy, U.S.A., 57; scale, hosts, Israel, 155
OMPA (Schradan), 181
Omphalia flavida (Mycena citricola), coffee, C. America, 137, 144, 152
Onion, diseases, India, 14, 146; Iraq, 10; Israel, 155; pests, India, 14; Israel, 155; Malaya, 121, 139, 161; Singapore, 109
Onion thrips, pea, Chile, 168
Oospora citri-aurantii, India, 146
Operculella padwickii, Cicer arietinum, India, 145
Ophiobolus (Gaeumannomyces) graminis, wheat, Chile, 106; U.S.A., 18
Orange, fruit fly, Tripolitania, 132
Orejuela, C. G., 97
Ornithopus sativus, Rhizoctonia solani, Malaya, 172
Orobanche ramosa, hosts, U.S.A., 164
» sp., tomato, Iraq, 10
Oryctes rhinoceros, coconut, Fiji, 107; Netherl. New Guinea, 108
Ovulariopsis cynarea, artichoke, Italy, 50
Oxalis, Puccinia sorghi, Colombia, 98
Ozonium texanum parasiticum, hosts, India, 145

Pachydiplosis oryzae, rice, India, 13
Pachyrrhizus erosus, Rhizoctonia solani, Malaya, 172
Palm, diseases, India, 15; pests, El Salvador, 153; Nicaragua, 27
Pantomorus taeniatulus, bean, Chile, 167
Papaipema sp., cotton, Nicaragua, 27
Papaya, borer, Israel, 39; diseases, C. America, 138; Hong Kong, 178; Malaya, 172; Venezuela, 92
Papilio demoleus, lemon, India, 13
Paradichlorobenzene, fig borer, 39
Parasetigena porteri, lentil cutworm, Chile, 168
Parathion, 181; apple midge, 116; cotton red mite, 28; *Vasates destructor*, 50
Paris green, banana borer, 28
Parlatoria blanchardi, date, Israel, 155
» *pittospori*, New Zealand, 30
Parrotia persica, leaf miner, New Zealand, 30
Parzate, *Chaetoseptoria*, 83
Paspalum vaginatum, Dichroplus spp., Chile, 167
Pea, pests, Chile, 167; India, 13; *Pseudomonas pisi*, Tanganyika, 177
Peach, diseases, C. America, 137; Hong Kong, 178; Iraq, 11; Italy, 170; U.S.A., 37; San José scale, 5
Peanut, diseases, C. America, 137; Netherl. New Guinea, 29; U.S.A., 104; pests, Israel, 61; Netherl. New Guinea, 62, 156
Pear, diseases, Iraq, 11; Italy, 169; pests, 5; Israel, 39, 155; U.S.A., 122
Pectiniphora gossypiella, cotton, U.S.A., 57
Peleg, J., 60
Peleteria filipalpis, cutworm, Chile, 168
Pellicularia koleroga, coffee, El Salvador, 152
Penicillium, cherry, U.S.A., 18; pineapple, Mexico, 25
Pennisetum purpureum, chlorotic streak, Puerto Rico, 70
Pentatoma apicicorne, bean, Chile, 166
Pentodon sp., apple, Israel, 171
Peppers (*Capsicum*), diseases, C. America, 136; India, 15; Italy, 50, 51; U.S.A., 36, 56; Venezuela, 91; *Anthonomus eugenii*, El Salvador, 153
Peretz, I., 101
Pérez Alcalá, R., 74
Peronospora destructor, onion, Iraq, 10; Israel, 155
» *parasitica*, crucifers, Israel, 61
» *tabacina*, tobacco, U.S.A., 17
» *trigonella*, fenugreek, Italy, 51
Persimmon, fruit fly, Israel, 60; sooty mold, Hong Kong, 178
Perthane, 179
Phaseolus lunatus, Zabrotes subfasciatus, Chile, 167
» spp., *Chaetoseptoria wellmanii*, C. America, 83
» *vulgaris*, diseases, Venezuela, 91
Phloeothrips oleae, olives, Italy, 169
Phlox, Septoria spp., New Zealand, 44
Phoma citricarpa, citrus, Hong Kong, 178
Phomopsis vexans, eggplant, C. America, 138
» *viticola*, vine, Italy, 49
Phoracantha semipunctata, Eucalyptus, Israel, 39
Phosphoric rat poison, 62
Phthalic glyceryl alkyd resin, 18
Phygon, tomato early blight, 50
Phyllachora cynodontis, Bermuda grass, Iraq, 11
» *maydis*, maize, Colombia, 100
Phyllocnistis citrella, citrus, India, 13; Netherl. New Guinea, 108
Phyllocoptruta oleivora, citrus, Israel, 60, 155
Phyllopertha horticola, Europe, 127
Phyllyrea media, Lepidosaphes destefanii, 57
Physalospora obtusa, apple, C. America, 137
» *tucumanensis*, cane, India, 15
Physoderma zeae-maydis, Colombia, 100
Phytodecta fornicata, lucerne, Italy, 188
Phytophthora capsici, vegetables, Venezuela, 91
» *cinnamoni*, avocado, Venezuela, 92; C. America, 137; pineapple, Mexico, 24; cinchona, C. America, 137
Phytophthora faberi, cacao, Colombia, 97, 99
» *infestans*, potato, C. America, 137; Chile, 7; Colombia, 100; Israel, 155; Jamaica, 178; New Zealand, 121; South America, 7; U.S.A., 17
Phytophthora palmivora, cacao, Colombia, 97, 99, 137; *Carthamus*, Venezuela, 92; citrus, India, 15; coconut, Colombia, 99
Phytophthora parasitica, cinchona, Venezuela, 137; tobacco, Venezuela, 100; Iraq, 44; New Zealand, 44; hosts, Venezuela, 92
Phytophthora spp., coconut, Bahamas, 178; pineapple, Mexico, 24
Pieris brassicae, vegetables, India, 14
Pine, looper, New Zealand, 29; needle scale, U.S.A., 76
Pineapple, diseases, Mexico, 21; Venezuela, 92
Pinus radiata, Selidosema suavis, New Zealand, 29, 121, 156
Piricularia grisea, Eleusine coracana, India, 146
» *oryzae*, rice, Colombia, 99; India, 14; Iraq, 10
Pistachio, wilt, Iraq, 11
Pittosporum, scale, New Zealand, 30
Plantago major, aster yellows, U.S.A., 149
Plantain, weevil, Nicaragua, 28
Plasmopara viticola, vine, C. America, 137; Spain, 90
Platanus orientalis, pea weevil, Chile, 167

Platyedra (Pectiniphora) gossypiella, cotton, India, 13
» » *vilella*, U.S.A., 90
Platypatasson, sp., *Idiarthron subquadratum*, El Salvador, 152
Plaut, N., 101, 171
Plodia interpunctella, Singapore, 161
Plum, diseases, Iraq, 11; pests, Algeria, 5; Israel, 60, 155
Plutella maculipennis, crucifers, Netherl. New Guinea, 29, 108
Poliaspis pini, pine, U.S.A., 76
Pollinia pollini, olive, Italy, 169
Polychrosis botrana, vine, Israel, 61
Polystigminam rubrum, stone fruit, Iraq, 11
Pomegranate, lygaeid, Israel, 60; wasp., Afghanistan, 60
Pontis-Videla, R. E., 91, 140
Popillia japonica, 127
Poplar, pests, Afghanistan, 54; Italy, 189
Potash, 23, 169
Potato, diseases, C. America, 136; Chile, 7; Colombia, 98; India, 8, 15, 145; Israel, 155; Jamaica, 178; New Zealand, 121; pests, Chile, 166; India, 13, 14; W. Europe, 4, 191
Pratylenchus spp., peanut, U.S.A., 104; pineapple, Mexico, 24; sugar cane, U.S.A., 71
Prays endocarpa, citrus, Netherl. New Guinea, 108
Proceras argyrolepida, maize, Tanganyika, 161
Prodenia latisfacia, cotton, Nicaragua, 27
» *litura*, Egypt, 172; Israel, 61, 155; Netherl. New Guinea, 29, 108; Spain, 90
Promecotheca cumingi, Singapore, 161
Propamat, 182
Prune, dieback, Italy, 170
Pruthi, H. S., 87
Pseudaletia (Cirphis) unipuncta, U.S.A., 157
Pseudococcus brevipes, coffee, El Salvador, 152
» *citri*, vine, Israel, 61
» *maritimus*, lentil, Chile, 168
» sp., coffee, El Salvador, 152
Pseudomonas angulata, tobacco, Colombia, 100
» *glycinea*, lima bean, Tanganyika, 177
» *medicaginis*, bean, Colombia, 100
» *phaseolicola*, bean, Colombia, 100
» solanacearum, tomato, peanut, Netherl. New Guinea, 29
Pseudomonas syringae, lucerne, Tanganyika, 177; stone fruits, New Zealand, 30, 75
Pseudomonas tabaci, Colombia, 100
Pseudoperonospora cubensis, cucurbits, C. America, 137; Israel, 61; Bahamos, 178; U.S.A., 17
Pseudopeziza medicaginis, alfalfa, C. America, 137; Iraq, 11
Psylla pyricola, pear, U.S.A., 122
Puccinia antirrhini, New Zealand, 122
» *arachidis*, peanuts, C. America, 137
» *coronata*, oats, C. America, 137
» *cynodontis*, Iraq, 11
» glumarum, C. America, 137; Colombia, 98; Iraq, 10; Spain, 59
Puccinia graminis tritici, 85; Canada, 43; C. America, 137; Colombia, 98; Iraq, 10; Spain, 58
Puccinia keuhnii, cane, India, 14
» *pallescens*, maize, Colombia, 100
» *pittieriana*, potato, Colombia, 100
» *polysora*, maize, Africa, 122, 177
» *pruni-spinosae*, fruit, Hong Kong, 178; Iraq, 11; Israel, 60
Puccinia rubigo-vera tritici, Canada, 43; C. America, 137; Colombia, 98; Iraq, 10; Spain, 59
Puccinia sorghi, Colombia, 98; C. America, 137
» sp., Afghanistan, 54
Pommelo, fruit fly, Tripolitania, 132
Pyrausta nubilalis, maize, sorghum, Netherl. New Guinea, 29, 62, 108
Pyrethrin, 181
Pyrilla perpusilla, cane, India, 13
Pyrimidyl dimethyl carbamate, 182
Pyrocolloid spray, 14
Pyrodust, 14
Pyrolan, 182
Pythium aphanidermatum, bean, Venezuela, 91; ginger, India, 15; maize, Venezuela, 91
Pythium debaryanum, lettuce, Italy, 51
» *oligandrum*, lettuce, 51
» *splendens*, vegetables, 51
» *ultimum*, vegetables, 51

Q137 (diethylphenyl dichloroethane), 179
Quadraspidiotus (Aspidiotus) perniciosus, fruit, India, 13; Spain, 90
Quarantine legislation, Alaska, 46; Algeria, 45, 93, 141; Belgian Congo, 174; Belgium, 30; Canada, 30, 45; Chile, 174; Colombia, 99; Cyprus, 174; Denmark, 93, 158, 190; Ecuador, 30; France, 30, 45, France (Overseas Territories), 77, 110; French Morocco, 63, 93; Germany (Federal Republic), 141; Gold Coast, 174; Greece, 159; Guadeloupe, 45; Guyana, 45; Hawaii, 46; Hungary, 45; India, 15, 77, 93, 110, 124; Ireland, 94; Japan, 31, 141; Martinique, 45; Netherlands, 124, 175; Netherl. New Guinea, 111; New Zealand, 31, 77, 124, 190; Norway, 31, 63; Philippine Republic, 78; Puerto Rico, 46; Réunion, 110; Ryukyu Island, 46; Spain, 94, 141; Sweden, 31; Switzerland, 46; Trust Territory of the Pacific Islands, U.S.A., 31; Tunisia, 94, 175; Union of South Africa, 32, 141; United Kingdom, 77, 94, 111, 124, 190; United States, 46, 63, 94, 141, 159, 190; Venezuela, 78; Virgin Islands, 46
Quercus spp., leaf miner, New Zealand, 29
Quinine (Cinchona), diseases, C. America, 137

Rachiplusia nu, bean, Chile, 166
Radish, *Albugo candida*, Israel, 155; virus, Canada, 117
Rao, V. P., 11
Rats, Chile, 167; India, 14; Netherl. New Guinea, 62, stored rice, 40
Red oil, apple midge, 116
Rhizoctonia solani, hosts, C. America, 138, 152; Colombia, 100; Malaya, 172; Venezuela, 91
Rhizoctonia, spp. coffee, El Salvador, 152; cotton, Colombia, 100; sesame, Iraq, 11
Rhizopertha dominica, stored rice, 40
Rhizopus sp., cotton, Iraq, 10, 42
Rhododendron, leaf miner, New Zealand, 30
Rhyncophorus palmarum, palms, El Salvador, 153
» *papuanus*, coconut, Netherl. New Guinea, 108
» spp., palm, Nicaragua, 28
Rice diseases, C. America, 138; Colombia, 98, 99; India, 14, 146; Iraq, 10; U.S.A., 183; Venezuela, 91; pests, 40; India, 13, 87; Nethrl. New Guinea, 108, 173; Nicaragua, 89; Spain, 90; U.S.A., 156, 183; stored rice, 40
Riptortus sp., soybean, Netherl. New Guinea, 156
Rodolia cardinalis, *Icerya purchasi*, India, 13
Rogas nigriceps, *Rachiplusia*, Chile, 166
Rose, grub, Israel, 171
Rosellinia spp., coffee, C. America, 138, 152; cacao, Colombia, 99; potato, Colombia, 100
Rotylenchus spp., pineapple, Mexico, 24
Rubbery wood, apple, Denmark, 154
Rubus, *Trialeurodes ruborum*, U.S.A., 122
Rupela albinella, rice, Nicaragua, 89

Rye, dwarf bunt, U.S.A., 36
Sacadodes pyralis, cotton, El Salvador, 151; Nicaragua, 27, 89;
Safflower, *Phytophthora palmivora*, Venezuela, 92
Salicylanilide, 50, 189
San José scale, India, 13; W. Europe, 4, 64, 90, 192
Sasscer, E. R., 56
Schinus molle, pea weevil, Chile, 167
Schistocerca cancellata, S. America, 34, 167
» *gregaria*, 2, 11, 12, 47, 54, 63, 64, 79, 95, 126, 143
Schistocerca paranensis, C. America, 18; S. America, 33
Schoenobius incertellus, rice, India, 13
Schradan, 181
Scirpophaga innotata, rice, Netherl. New Guinea, 108, 173
» *nivella*, sugarcane, India, 13
Scirtothrips dorsalis, chillies, India, 14
Sclerodonta sp., poplar, Afghanistan, 54
Sclerospora macrospora, oats, U.S.A., 130
» sp., *Sorghum halepense*, U.S.A., 131; sugarcane, U.S.A., 71
Sclerotinia cinerea, peach, C. America, 137
» *sclerotiorum*, U.S.A., 183; potato, Colombia, 100; sunflower, Chile, 107
Sclerotinia spp., Colombia, 98; peach, U.S.A., 37
Sclerotium rolfsii, apple, Israel, 60; U.S.A., 81; vegetables, C. America, 138
Sclerotium spp., bean, Colombia, 100; *Trapa bispinosa*, India, 14
Scymnus punctillum, *Epitetranychus*, Israel, 60
Selidosema suavis, *Pinus radiata*, New Zealand, 29, 121, 156
Septoria spp., *Garrya elliptica*, New Zealand, 44; legumes, C. America, 83; oats, U.S.A., 17, 56; phlox, New Zealand, 44; wheat, Colombia, 100; India, 14; Iraq, 10
Sericoides rufeola, bean, Chile, 167
Sesame, diseases, Iraq, 11
Sesbania, *Heterodera trifolii*, U.S.A., 114
Sexava coriacea, coconut, Netherl. New Guinea, 29, 108
» sp., coconut, Netherl. New Guinea, 29
Shallot, *Dizygomyza cepae*, Singapore, 109
Shirlan, 50
Sida rhombifolia, *Abutilon mosaic*, U.S.A., 82
Sieva bean, *Zabrotes subfasciatus*, Chile, 167
Sisal, *Fusarium solani*, Tanganyka, 177
Sitodrepa (Stegobium) paniceum, bean, Chile, 167
Sitophilus granarius, stored bean, Chile, 167
» *oryza*, stored rice, 40
Sitotroga cerealella, stored rice, 40
Snapdragon rust, New Zealand, 122
Sodium arsenite, olive fly, 101; fluoaluminate, grape berry moth, 61
Soja sp., *Chaetoseptoria*, C. America, 83; *Riptortus* sp., Netherl. New Guinea, 156
Solanum brevidens, late blight, Chile, 8
» *sarachoides*, *Orobanche*, U.S.A., 164
Sooty, mold, fruit, Hong Kong, 178
Sorghum, diseases, C. America, 137; Iraq, 10; U.S.A., 131; borer, Netherl. New Guinea, 62; Tanganyika, 161
Sphaceloma fawcetti, citrus, C. America, 137
» *perseae*, avocado, C. America, 137
Sphacelotheca cruenta, sorghum, Iraq, 10
» *reiliana*, sorghum, C. America, 137
» *sorghi*, maize, C. America, 137; sorghum, Iraq, 10; India, 15
Sphaerotheca pannosa, peach, Iraq, 11
Spodoptera mauritia, rice, India, 13
Spongospora subterranea, potato, Colombia, 100
Spruce, beetle, U.S.A., 57
Squash, diseases, Iraq, 10; Venezuela, 91
Stagonospora recedens, berseem, Italy, 51
Stegobium (Sitodrepa) paniceum, stored beans, Chile, 167
Stephanoderes hampei, coffee, 144
Stigmaeus (Dolichotetranychus) floridanus, pineapple, Mexico, 24
Stizolobium spp., *Chaetoseptoria wellmanii*, Costa Rica, 83
Storage pests, 13, 40, 95, 127, 167
Strawberry, aster yellows, U.S.A., 148
Streptomyces scabies, potato, Colombia, 100
Striga, sugarcane, India, 15
Strobane, 179
Sudan grass, borer, Chile, 167
Sugarbeet, diseases, Afghanistan, 54; Iraq, 10; W. Europe, 16, 47, 192; pests, Afghanistan, 53; Israel 25, 61, 155; Spain, 89
Sugarcane, 143; diseases, Colombia, 97; India, 14, 15; Mauritius, 177; U.S.A., 71; Venezuela, 91, 140; pests, India, 13; Nicaragua, 27
Sulphur, 15, 28, 50, 60, 74, 106, 189
Sunflower, *Sclerotinia*, Chile, 107
Sunn hemp, *Ceratostomella fimbriata*, Venezuela, 92
Swain, R. B., 27, 89
Swedes, turnip mosaic, Canada, 117
Sycamore, borer, Israel, 39
Sylepta derogata, cotton, India, 13
Sympherobius sanctus, Israel, 61
Synchytrium endobioticum, W. Europe, 191
Syringopais temperatella, Israel, 156

Tamarack (larch) canker, *Dasyscypha willkomii*, U.S.A., 163
Taphrina deformans, peach, C. America, 137; Iraq, 11
» *pruni*, plum, Iraq, 11
Taraxacum kok-saghyz, *Orobanche*, U.S.A., 164
TEPP (tetraethyl pyrophosphate), 181
Terpenes, 90, 179
Thamnotettix spp., bean, Chile, 167
Thecaphora solani, potato, Colombia, 100
Thecla sp., pineapple, Mexico, 24
Theraptus sp., coconut, Zanzibar, 162
Thielaviopsis basicola, cotton, U.S.A., 113
» *ethaceticus*, sugarcane, Colombia, 99
Thiram, 189
Thirumalachar, M. J., 145
Thrips tabaci, onion, Israel, 155; pea, Chile, 168; India, 14
Tilletia brevifaciens, wheat, Canada, 43; oatgrass. U.S.A., 18, U.S.A., rye, 36
Tilletia caries, wheat, India, 15; Iraq, 10
» *foetens (foetida)*, wheat, Iraq, 10; India, 15
Tipula apterogyne, lentil, Chile, 168
» *oleracea*, Italy, 188
Tobacco, diseases, C. America, 136; Colombia, 100; Iraq, 10, 44; Israel, 61; Italy, 189; Netherl. New Guinea, 29; New Zealand, 44; N. Rhodesia, 177; U.S.A., 17, 44
Tomato, diseases, C. America, 136; Iraq, 9; Israel, 61; Italy, 50; Netherl. New Guinea, 29; New Zealand, 121; U.S.A., 17, 164; Venezuela, 91; pests, Israel 155; Italy, 50; U.S.A., 75, 189
Toxaphene, 179, 27, 89
Trapa bispinosa, diseases, India, 14
Trialeurodes ruborum, blackberry, U.S.A., 122
Trifolium alexandrinum, *Stagonospora recedens*, Italy, 51
» *repens*, *Heterodera* sp., U.S.A., 114
Trigonella foenum-graecum, *Hypera*, Israel, 156; *Peronospora*, Italy, 51
Triton B 1956, cherry decay, 18

Tullgrenia (Tychea) brevicornis, bean, Chile, 167
» » *phaseoli*, bean, Chile, 167
Turmeric, *Colletotrichum capsici*, India, 15
Turnip, diseases, Iraq, 10; Israel, 155; mosaic, Canada, 117; pest, India, 14
Tychea, see *Tullgrenia*

Uncinula necator, grape, Iraq, 11
Urocystis tritici, wheat, Iraq, 10; India, 14, 15
Uromyces appendiculatus, bean, Colombia, 100
» *caryophyllinus*, carnation, Italy, 188
» *phaseoli typica*, bean, C. America, 137
» *striatus, medicagnis*, Iraq, alfalfa, 11
Urries, M. J. de, 58
Ustilaginoidea virens, rice, Colombia, 99; India, 146
Ustilago cynodontis, Bermuda grass, Iraq, 11
» *hordei*, barley, C. America, 137; India, 15
» *maydis*, maize, Afghanistan, 54; Colombia, 100
» *scitaminea*, sugar cane, India, 15
» *tritici*, wheat, Afghanistan, 54; C. America, 137; Iraq, 10

Vanilla, *Botryosphaeria (Calospora) vanillae*, Seychelles, 177
Vasates destructor, tomato, Italy, 50; U.S.A., 75, 189
Velsicol 1068, see chlordane
Venturia inaequalis, apple, Colombia, 98; Iraq, 11
Verticillium albo-atrum, hops, Canada, 45; peppers, Italy, 50
» *dahliae*, hops, New Zealand, 122
Vespa orientalis, Afghanistan, 54; Israel, 26
Vicia atropurpurea, *Hypera* spp., Israel, 156
» *faba*, pests, Chile, 168
» *sativa*, *Hypera* spp., Israel, 156
Vigna sinensis, diseases, C. America, 83; Venezuela, 91
Vine, diseases, 16; C. America, 137; Iraq, 11; Israel, 61; Italy, 49; Spain, 90; pests, 16, 47, 66; Afghanistan, 54; Israel, 60, 171
Virus diseases, 136; apple, 154; beet, 192; cereals, 72; cherry, 75; fig, 50; guava, 15; maize, 44; *Pennisetum*, 70; radish, 117; tobacco, 10; tomato, 50

Walker, R. L., 42
Watermelon, diseases, Iraq, 10; Venezuela, 91; *Hylemya*, Chile, 166
Wattle, scale, India, 12
Wheat, diseases, 85, 96; Afghanistan, 54; Canada, 43, 72; C. America, 137; Chile, 106; Colombia, 98; India, 14; Iraq, 10; Near East, 126; Spain, 58; U.S.A., 18, 36; pests, Afghanistan, 54; Egypt, 172
Wheatgrass, dwarf bunt, U.S.A., 18
Wilde de Ligny, H. J. de, 29, 60
Wilkins, V. E., 4, 55
Willow, pests, Afghanistan, 53; Italy, 189
Wiltshire, S. P., 62, 122, 172, 177

Xanthium spinosum, *Orobanche*, U.S.A., 164
Xanthomonas campestris, cabbage, C. America, 137; Seychelles, 178
Xanthomonas citri, citrus, Hong Kong, 178; India, 15
» *malvacearum*, cotton, Colombia, 100
» *phaseoli*, Venezuela, 140
» *solanacearum*, platain, Colombia, 100
» *vasculorum*, cane, Colombia, 99

Yam bean, leaf rot, Malaya, 172

Zabrotes subfasciatus, bean, Chile, 167
Zeuzera pyrina, apple, Israel, 155
Zinc phosphide, rats, 14
Zineb, 17, 98, 189
Zinnia, aster yellows, U.S.A., 148

ERRATA

Page	6, column 2, line 3, read	Austria	for	Ausrria
9	1	9	Razzaq Al-Adhami	Azzak Al Azzami
9	1	18	»	Razzaq Adhami
9	1	24	»	Adhaim and Azzami
10	1	1	plump	plumb
11	1	6	*Rosellinia*	*Rosellina*
12	2	44	*Icerya*	*Icerga*
13	1	44	*Scirpophaga*	*Scripophaga*
14	1	40	Cyanogas	Cynogas
14	1	45	Anguillulina	Anguilullina
14	2	11	Leaf-spot	Lead-spot
15	1	45	*capsici*	*capsicae*
15	1	50	and leaf	andoleaf
18	1	1	most	mozt
30	1	1	*robur*	*suber*
42	1	42	extensive	exten ive
43	2	38	beech	beach
45	2	6	Cacao	Cacoa
46	1	58	(l) Vine cuttings	(l) Cuttings
47	2	10	Citrus blackfly	Spiny citrus whitefly
56	2	26	*herbarum*	*herbarium*
60	1	34	*aonidum*	*aonium*
78	3	4	plant trade	platn tadre
84	1	19	*Ascochyta*	*Aschochyta*
102	1	31	Cryocide	Cryoc de
106	2	27	Olivier	Oliv er
107	2	41	finance	finance
143	1	45	extensive	extendive
174	2	46	Importation	importation

Roma - Tip. del Senato del dott. Giovanni Bardi